



Paul Galat BA, MS  
Department of Justice  
Drug Enforcement Administration  
Office of Forensic Sciences

Senior Forensic Chemist  
South Central Laboratory  
Dallas, Texas

## AREA OF EXPERTISE

### Forensic Discipline

Seized Drug Analysis

### Expert Testimony

03/05/19 US District Court Albuquerque, NM  
03/19/19 US District Court Albuquerque, NM  
04/16/19 US District Court Sherman, TX US vs Ceballos  
07/16/19 US District Court Houston, TX US vs Meyer  
07/23/19 US District Court Amarillo, TX US vs Landeta  
07/30/19 US District Court Amarillo, TX US vs Rodriguez  
08/14/19 US District Court New Orleans, LA US vs Alexander  
10/30/19 US District Court Fort Worth, TX US vs Echarte-Rivero  
09/16/20 US District Court Midland, TX  
01/12/21 US District Court Midland, TX US vs Ruiz  
08/03/22 US District Court Midland, TX US vs Godsey  
09/13/22 US District Court Lubbock, TX US vs Powdrill  
09/21/22 US District Court Del Rio, TX US vs Sanchez  
12/15/22 US District Court Plano, TX US vs Dejesus-Rivera

Testified in Federal and State Court more than 85 times. Areas Include Forensic Chemistry, Clandestine Laboratory Enforcement and Trace Evidence Collection.

## PROFESSIONAL EXPERIENCE

### Drug Enforcement Administration

*Senior Forensic Chemist, South Central Laboratory, Dallas, TX, 2006 - Present*

Conducts analysis to identify and quantitate controlled substances on over 11,000 drug exhibits of various types.

- Provides expert witness testimony and technical guidance to prosecution in state and federal court.
- Performs maintenance and repair on laboratory instrumentation, including Gas Chromatographs with Flame Ionization Detectors (GC/FID), High Performance Liquid Chromatographs (HPLC), Gas Chromatographs with Mass Spectrometers (GC/MS), etc.
- Provides field support to DEA Special Agents by sampling and processing clandestine laboratory evidence and trace evidence collection using Ion Mobility Spectroscopy (IMS)

*Forensic Chemist, South Central Laboratory, Dallas, TX, 1998 - 2006*

- see Senior Forensic Chemist duties, described above

*Training Officer, South Central Laboratory, 2001-2010*

- Trained new Forensic Chemists in using scientific instruments and DEA procedures to analyze controlled substances.

## EDUCATION AND CERTIFICATIONS

### Degree Program(s)

Michigan State University East Lansing, Michigan

- Masters of Science in Criminal Justice with Specialization in Forensic Science 2000
- Bachelors of Arts in Chemistry 1997

Drug Enforcement Administration

- Forensic Chemist Basic Training Program 1999
- Clandestine Laboratory Investigation/Safety Certification Program 1999

### Certification(s)

South Central Laboratory Dallas, Texas

- Clandestine Laboratory Investigations, yearly

## PROFESSIONAL AFFILIATIONS

- Clandestine Laboratory Investigating Chemists (CLIC), Member 2007-2009

## PRESENTATIONS AND LECTURES

Clandestine Laboratory Demonstration for National Methamphetamine Awareness Day

- Explained and demonstrated the Nazi process, 2006

Career Day Presentations

- Local High School and Elementary Schools 2004, 2009, 2010, 2012, 2016, 2017

News Programs

- KFOX14 FOX El Paso, TX "Where do drugs seized in El Paso go?" Demonstrated fentanyl testing procedures at the laboratory aired November 2, 2022
- KSAT12 ABC San Antonio, TX "What is Fentanyl, KSAT Explains" Demonstrated fentanyl testing procedures at the laboratory aired November 14, 2022

## PUBLICATIONS

- Gay M, Detulleo A, Galat P. Detecting Heroin in the Presence of Cocaine Using Ion Mobility Spectrometry. International Journal for Ion Mobility Spectrometry, 2000 Mar;(1): 38-42.
- "Interpreting Ion Mobility Spectrometry Plasmagrams of Heroin and Cocaine" Presented at Michigan State University, Masters Thesis 2000